FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

	ATTY. DOCKET NO. ELM-1 Cont. 9	APPLICATION NO. 10/665,757
	APPLICANT Glenn J. Leedy	CONFIRMATION NO. 6828
	FILING DATE September 19, 2003	GROUP 2812
1		

U.S. PATENT DOCUMENTS

EXAMINE R INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
190	Re. 34,893	04/04/95	Fujii et al.	257	419	
1	2,915,722	12/01/59	Foster	336	115	
	3,202,948	08/24/65	Farrand	336	115	
	3,559,282	02/02/71	Lesk	438	113	
	3,560,364	02/02/71	Burkhardt	324	207.12	
	3,602,982	09/07/71	Emmasingel	29	577	
	3,615,901	10/26/71	Medicus	148	11.5 R	
•	3,716,429	02/13/73	Napoli et al.	156	17	
	3,777,227	12/14/73	Krishna et al.	257	578	
	3,868,565	02/25/75	Kuipers	324	207.26	
	3,922,705	11/25/75	Yerman	357	26	
FEP	3,997,381	12/14/76	Wanlass	156	3	
_ (1	4,070,230	01/24/78	Stein	156	657	
	4,131,985	01/02/79	Greenwood et al.	29	580	
	4,142,004	02/27/79	Hauser, Jr. et al.	438	792	
	4,251,909	02/24/81	Hoeberechts	29	580	
	4,262,631	04/21/81	Kubacki	118	723MP	
	4,394,401	07/19/83	Shioya et al.	427	574	
	4,401,986	08/30/83	Trenkler et al.	340	870.32	
	4,416,054	11/22/83	Thomas et al.	29	572	
	4,539,068	09/03/85	Takagi et al.	156	614	
	4,585,991	04/29/86	Reid et al.	324	158 P	
	4,612,083	09/16/86	Yasumoto et al.	156	633	
	4,617,160	10/14/86	Belanger et al.	264	40.1	
	4,618,397	10/21/86	Shimizu et al.	156	628	
	4,618,763	10/21/86	Schmitz	250	211R	
	4,663,559	05/05/87	Christensen	313	336	
7	4,684,436	08/04/87	Burns et al.	216	65	
184	4,693,770	09/15/87	Hatada	156	151	

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DATE CONSIDERED 12/10/04

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TAP	4,702,336	10/27/87	Maeda et al.	180	197	
1	4,702,936	10/27/87	Seibert et al.	427	583	
Ť	4,706,166	11/10/87	Go	361	403	
	4,721,938	01/26/88	Stevenson	338	4	
 	4,761,681	08/02/88	Reid	357	68	
	4,784,721	11/15/88	Holmen et al.	156	647	
	4,810,673	03/07/89	Freeman	438	386	
_	4,825,277	04/25/89	Mattox et al.	257	639	
	4,857,481	08/15/89	Tam et al.	438	619	
	4,924,589	05/15/90	Leedy	438	6	
	4,940,916	07/10/90	Borel et al.	313	306	
	Re B14,940,916	11/26/96	Borel et al.	315	306	
	4,950,987	08/21/90	Vranish et al.	324	207.23	
1	4,952,446	08/18/90	Lee et al.	428	220	-
REPO	4,954,865	09/04/90	Rokos	257	378	
7	4,957,882	09/18/90	Shinomiya	438	65	
1	4,965,415	10/23/90	Young et al.	200	83 N	
$\neg \uparrow \neg$	4,966,663	10/30/90	Mauger	205	656	
	4,994,735	02/19/91	Leedy	324	158	
	5,008,619	04/16/91	Keogh et al.	324	207.17	
\neg	5,010,024	04/23/91	Allen et al.	438	659	
	5,020,219	06/04/91	Leedy	29	846	
1	5,034,685	07/23/91	Leedy	324	158 F	
	5,070,026	12/03/91	Greenwald et al.	437	3	
	5,071,510	12/10/91	Findler et al.	156	647	
	5,098,865	03/24/92	Machado et al.	438	788	
	5,103,557	04/14/92	Leedy	29	832	
	5,110,373	05/05/92	Mauger	148	33.2	
	5,111,278	05/05/92	Eichelberger	357	75	
	5,116,777	05/26/92	Chan et al.	438	234	
2	5,130,894	07/14/92	Miller	361	393	
XOV	5,132,244	07/21/92	Roy	438	477	

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				FILING DATE September 19, 2003		GROUP 2812	
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1200	5,151,775	09/29/92	Hadwin	357	80		
<u> </u>	5,156,909	10/20/92	Henager, Jr. et al.	428	334		
	5,203,731	04/20/93	Zimmerman	445	24		
	5,225,771	07/06/93	Leedy	324	158		
	5,236,118	08/17/93	Bower et al.	228	193		
	5,262,351	11/16/93	Bureau et al.	437	183		
	5,270,261	12/14/93	Bertin et al.	437	209		
	5,273,940	12/28/93	Sanders	437	209		
	5,274,270	12/28/93	Tuckerman	257	758		
	5,279,865	01/18/94	Chebi et al.	427	574		
	5,284,796	02/08/94	Nakanishi et al.	437	183		
	5,323,035	06/21/94	Leedy	257	48		
	5,324,687	06/28/94	Wojnarowski	437	225		
	5,354,695	10/11/94	Leedy	438	411		
	5,363,021	11/08/94	MacDonald	315	366		
	5,385,632	01/31/95	Goossen	156	630		
	5,385,909	01/31/95	Nelson et al.	514	291		
DAD	5,420,458	05/30/95	Shimoji	257	622		
1	5,424,920	06/13/95	Miyake	361	735		
	5,426,072	06/20/95	Finnila	437	208		
	5,426,363	06/20/95	Akagi et al.	324	239		
	5,432,444	07/11/95	Yasohama et al.	324	240	_	
	5,432,729	07/11/95	Carson et al.	365	63		
	5,434,500	07/18/95	Hauck et al.	324	67		
	5,451,489	09/19/95	Leedy	430	313		
	5,453,404	09/26/95	Leedy	437	203		
	5,457,879	10/17/95	Gurtler et al.	29	895		
-	5,476,813	12/19/95	Naruse	437	132		
	5,489,554	02/06/96	Gates	437	208		
	5,502,667	03/26/96	Bertin et al.	365	51		
7	5,512,397	04/30/96	Leedy	430	30		
VEP	5,527,645	06/18/96	Pati et al.	430	5		

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FORM PTO-1449	U.S. DEPARTMEN PATENT AND TRA	ATTY. DOCKET NO. ELM-1 Cont. 9 APPLICANT Glenn J. Leedy		APPLICATION NO. 10/665,757 CONFIRMATION NO. 6828		
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5,529,	829 06/25/96	Koskenmaki et al.	428	167		
5,534,	465 07/09/96	Frye et al.	437	209		
5,555,	212 09/10/96	Toshiaki et al.	365	200		
5,563,	084 10/08/96	Ramm et al.	437	51		
5,571,	741 11/05/96	Leedy	437	51		
5,580,	687 12/03/96	Leedy	430	5		
5,581,	498 12/03/96	Ludwig et al.	365	63		
5,582,	939 12/10/96	Pierrat	430	5		
5,583,	688 12/10/96	Hornbeck	359	291		
5,592,		Leedy	257	347		
5,592,		Leedy	257	619		
5,595,		Heijboer	439	20		
5,606,		Noda	257	226		
5,627,		Tennant et al.	438	113		
5,629,		Leedy	430	313		
5,633,		Leedy	435	228		
1 5,637,		Val	438	686		
5,654,		Leedy	430	315		
5,654,		Leedy	438	25		
5,656,		Hudak et al.	438	15		
5,675,		Chen et al.	257	774		
5,694,		Ohara et al.	395	566		
5,725,		Leedy	430	315		
5,750,		Weise et al.	427	579		
5,760,		Bozso et al.	257	777		
5,773,	T	Okonogi	428	446		
5,786,		Rolfson	430	5		
5,793,	1	Zavracky et al.	257	777		
5,831,		Ray	257	48		
5,834,	· 1	Leedy	438	107		
5,840,		Leedy	438	6		
5,856,		Ito et al.	257	370		

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FORM PTO-			ENT OF COMMERCE RADEMARK OFFICE			1		APPLICATION NO. 10/665,757 CONFIRMATION NO. 6828	
	INFORMATION	· —					CONFIRMA 6828		
	STATEMEN'	T BY AP	PLIC				FILING DATE September 19, 2003		
REP	5,868,949	02/09/	/99	Sotokaw	/a et al.	216	18		
V	5,869,354	02/09/				438	110		
	5,870,176	02/09/	99	Sweatt e	et al.	355	53		,
	5,880,010	03/09/	99	Davidso	n	438	455		
	5,882,532	03/16/	99	Field et	al.	216	2		
	5,902,118	05/11/	99	Hübner		438	106		
	5,915,167	06/22/	99	Leedy		438	108		
	5,946,559	08/31/	99	Leedy		438	157		
				/99 Leedy			438 107		
	5,998,069	12/07/	/99 Cutter et al.			430	5		
	6,008,126	12/28/				438	1		
20	6,020,257	02/01/00		Leedy		438	626		
, ,	6,045,625	04/04/00		0 Houston		148	33.3		
	6,084,284	07/04/00		0 Adamic, Jr.		257	506		
	6,097,096	08/01/00		0 Gardner et al.		257	777		
	6,133,640	10/17/00				257	778		
	6,194,245 B1	02/27/01				438	57		
	6,197,456 B1	03/06/01				430	5		
	6,208,545 B1	03/27/	01	Leedy		365	51		
	6,236,602 B1	05/22/	01			365	201		
	6,261,728 B1	07/17/		Lin		430	30		-
	6,288,561 B1	09/11/				324	760		-
PED	6,294,909 B1	09/25/		Leedy 324			207.17		
			FO	REIGN P	ATENT DOCUM	MENTS			
EXAMINER INITIAL	DOCUMENT NU	JMENT NUMBER		DATE COUNT		CLAS	S SUBCLA	SS TRANS	LATION NO
RSD	WO 98/19337			1998	PCT	H01L	21/44		
PGD -	GB 2,215,168			1989 -	. UK	G09G	- 1/00		
Seb	EP 0 189 976		08/1986		EPO	H01L	31/18		1 -
POP	EP 0 731 525		-	1996	EPO	H01P	5/00		
	2641129			1988	France	H01L	39/04		
PED	JP 60-74643	•		1985	Japan		1 33.31	ABST	

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FORM PTO-14		RTMENT OF CO	1	ATTY. DOCKET NO. ELM-1 Cont. 9 APPLICANT Glenn J. Leedy		APPLICATION NO. 10/665,757 CONFIRMATION NO. 6828		
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128	JP 02-082564	03/1990	Japan			ABST		
Han	JP 04-083371	03/1992	Japan			ABST		
ABA	JP 04-107964	04/1992	Japan			ABST		
450	JP 402027600A	01/1990	Japan			ABST		

	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
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PAP	"IC Tower Patent: Simple Technology Receives Patent on the IC Tower, a Stacked Memory Technology," http://www.simpletech.com/whatsnew/memory/@60824.htm (1998).
. <u>PEP</u>	Alloert, K., et al., "A Comparison Between Silicon Nitride Films Made by PCVD of N ₂ -SiH ₄ /Ar and N ₂ -SiH ₄ /He," <i>Journal of the Electrochemical Society</i> , Vol. 132, No. 7, pp. 1763-1766, (July 1985).
78P	Hendricks, et al., "Polyquinoline Coatings and Films: Improved Organic Dielectrics for IC's and MCM's," Eleventh IEEE/CHMT International Electronics Manufacturing Technology Symposium," pp. 361-265 (1991).
PEP	Knolle, W.R., et al., "Characterization of Oxygen-Doped, Plasma-Deposited Silicon Nitride," Journal of the Electrochemical Society, Vol. 135, No. 5, pp. 1211-1217, (May 1988).
250	Nguyen, S.V., "Plasma Assisted Chemical Vapor Deposited Thin Films for Microelectronic Applications, J. Vac. Sci. Technol. Vol. B4, No. 5, pp.1159-1167, (Sep/Oct. 1986).
20 2	Olmer, et al., "Intermetal Dielectric Deposition by Plasma Enhanced Chemical Vapor Deposition," Fifth IEEE/CHMT International Electronic Manufacturing Technology Symposium - Design-to-Manufacturing Transfer Cycle," pp. 98-99 (1988).
POP	Runyan,W.R., "Deposition of Inorganic Thin Films," Semiconductor Integrated Circuit Processing Technology, p. 142 (1990).
10P	Sze, S.M., "Surface Micromachining," Semiconductor Sensors, pp. 58-63 (1994).
Pap	Vossen, John L., "Plasma-Enhanced Chemical Vapor Deposition," <i>Thin Film Processes II</i> , pp. 536-541 (1991).
PEP	Wolf, Stanley, "Basics of Thin Films," Silicon Processing for the VLSI Era, pp. 115, 192, 193, and 199 (1986).

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